



Accreditation Council for Graduate Medical Education

Pediatric Orthopaedic Surgery Case Logs

National Data Report

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I. National Resident Statistics Main Table

A. This main table provides a national picture of educational experiences. The report is ideal for establishing and assessing national policy related to resident practical experiences. Data are broken out by patient type (adult, pediatric, and all).

B. Descriptive statistics have been carefully chosen to provide the most useful information for judging performance at that national level.

i. "Natl Res AVE" - The national average describes the mean number of procedures performed per resident in the nation.

ii. "Natl Res STD" - The standard deviation indicates how tightly the scores are clustered around the mean in the set of data.

iii. "Natl Res MIN" - The minimum value among procedure counts in the nation.

iv. "Natl Res MED" - The median value among procedure counts in the nation.

v. "Natl Res MAX" - The maximum value seen among procedure counts in the nation.

II. National Benchmark Report for Resident Statistics

The table displays selected percentile benchmarks of program averages. For example, a score at the 10th percentile indicates that 10% of residents achieved less than the value while the remaining 90% achieved more than the value.

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 1]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Shoulder	Incision	0.2	0	0	0	1	0.0	0	0	0	0	0.2	0	0	0	1
	Excision	1.1	2	0	0	11	0.1	0	0	0	1	1.1	2	0	0	10
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	1.0	2	0	0	7	0.1	0	0	0	2	0.9	2	0	0	7
	Trauma	1.6	2	0	1	8	0.1	0	0	0	2	1.5	2	0	1	8
	--Fracture and/or Dislocation	1.3	2	0	0	8	0.0	0	0	0	1	1.3	2	0	0	8
	--Manipulation	0.3	1	0	0	3	0.0	0	0	0	1	0.3	1	0	0	2
	Arthrodesis	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Amputation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthroscopy	2.1	4	0	0	18	0.2	1	0	0	4	2.0	4	0	0	17
	Other Procedures	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	TOTAL-Shoulder	6.2	8	0	4	34	0.4	1	0	0	7	5.8	8	0	3	33
Humerus/Elbow	Incision	0.6	1	0	0	8	0.0	0	0	0	0	0.6	1	0	0	8
	Excision	1.5	3	0	1	12	0.0	0	0	0	0	1.5	3	0	1	12
	Intro or Removal	0.7	1	0	0	5	0.0	0	0	0	0	0.7	1	0	0	5
	Repair/Revision/Reconstruction	1.8	2	0	1	7	0.0	0	0	0	0	1.8	2	0	1	7
	Trauma	29.3	20	1	23	78	0.1	0	0	0	2	29.2	20	1	23	77
	--Fracture and/or Dislocation	27.3	19	1	23	74	0.1	0	0	0	2	27.3	19	1	23	73
	--Manipulation	1.9	3	0	1	13	0.0	0	0	0	0	1.9	3	0	1	13
	Arthrodesis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Arthroscopy	0.8	2	0	0	6	0.1	0	0	0	2	0.8	1	0	0	6
	Other Procedures	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	TOTAL-Humerus/Elbow	34.9	23	2	29	94	0.1	0	0	0	2	34.8	22	2	29	93

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2012-2013
Residency Review Committee for Orthopaedic Surgery
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[PART 2]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Forearm/Wrist	Incision	0.4	1	0	0	5	0.0	0	0	0	1	0.4	1	0	0	5
	Excision	1.5	2	0	1	11	0.1	0	0	0	2	1.5	2	0	1	11
	Intro or Removal	0.2	1	0	0	3	0.0	0	0	0	1	0.1	1	0	0	3
	Repair/Revision/Reconstruction	3.7	7	0	2	40	0.1	1	0	0	3	3.6	7	0	2	40
	Trauma	8.5	6	0	7	29	0.1	0	0	0	1	8.5	6	0	7	29
	--Fracture and/or Dislocation	6.6	5	0	5	22	0.1	0	0	0	1	6.6	5	0	5	22
	--Manipulation	1.9	4	0	1	21	0.0	0	0	0	0	1.9	4	0	1	21
	Arthrodesis	0.1	0	0	0	2	0.0	0	0	0	1	0.1	0	0	0	1
	Amputation	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Arthroscopy	0.2	1	0	0	4	0.0	0	0	0	0	0.2	1	0	0	4
	Other Procedures	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	TOTAL-Forearm/Wrist		14.8	10	1	14	51	0.3	1	0	0	3	14.5	10	1	14
Hand/Fingers	Incision	1.4	3	0	0	17	0.0	0	0	0	0	1.4	3	0	0	17
	Excision	0.7	2	0	0	8	0.0	0	0	0	0	0.7	2	0	0	8
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	3.0	7	0	1	42	0.0	0	0	0	1	3.0	7	0	1	42
	Trauma	1.0	1	0	1	5	0.0	0	0	0	0	1.0	1	0	1	5
	--Fracture and/or Dislocation	1.0	1	0	1	5	0.0	0	0	0	0	1.0	1	0	1	5
	--Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.4	1	0	0	5	0.1	0	0	0	2	0.3	1	0	0	5
	Amputation	0.3	1	0	0	4	0.0	0	0	0	0	0.3	1	0	0	4
	Other Procedures	0.1	1	0	0	4	0.0	0	0	0	0	0.1	1	0	0	4
TOTAL-Hand/Fingers		7.0	12	0	5	67	0.1	1	0	0	3	6.9	12	0	5	67

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 3]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Pelvis/Hip	Incision	15.2	11	0	14	46	0.1	0	0	0	1	15.1	11	0	14	46
	Excision	1.1	2	0	0	7	0.0	0	0	0	0	1.1	2	0	0	7
	Intro or Removal	10.3	10	0	8	46	0.2	1	0	0	6	10.0	9	0	8	46
	Repair/Revision/Reconstruction	38.3	18	11	35	81	1.2	2	0	0	7	37.1	18	11	35	81
	Trauma	9.4	7	0	9	28	0.2	1	0	0	3	9.3	7	0	9	28
	--Fracture and/or Dislocation	6.6	5	0	6	20	0.1	0	0	0	2	6.4	5	0	6	19
	--Manipulation	2.9	4	0	2	20	0.0	0	0	0	1	2.8	4	0	2	20
	Arthrodesis	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Amputation	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Arthroscopy	2.1	3	0	1	16	0.1	0	0	0	2	2.0	3	0	1	16
	Other Procedures	4.7	6	0	2	26	0.3	1	0	0	2	4.4	6	0	1	25
	TOTAL-Pelvis/Hip	81.2	39	26	71	167	2.0	3	0	1	16	79.2	37	25	71	158
Femur/Knee	Incision	3.6	4	0	3	21	0.0	0	0	0	1	3.6	4	0	2	21
	Excision	4.8	4	0	3	18	0.3	1	0	0	5	4.5	4	0	3	17
	Intro or Removal	0.6	1	0	0	5	0.0	0	0	0	0	0.6	1	0	0	5
	Repair/Revision/Reconstruction	43.5	26	16	40	137	0.6	2	0	0	9	42.9	26	15	39	137
	Trauma	12.1	8	1	10	33	0.1	1	0	0	3	12.0	8	1	9	33
	--Fracture and/or Dislocation	8.8	5	1	8	20	0.1	0	0	0	2	8.7	5	1	8	20
	--Manipulation	3.3	5	0	1	23	0.0	0	0	0	1	3.3	5	0	1	23
	Arthrodesis	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Amputation	0.6	1	0	0	7	0.0	0	0	0	0	0.6	1	0	0	7
	Arthroscopy	27.4	36	0	11	149	0.8	2	0	0	12	26.7	36	0	11	149
	Other Procedures	0.8	2	0	0	5	0.0	0	0	0	0	0.8	2	0	0	5
	TOTAL-Femur/Knee	93.4	51	30	83	220	1.8	5	0	0	22	91.7	50	30	83	220

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Reporting Period: Total Experience of Residents Completing Programs in 2012-2013
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[PART 4]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Leg/Ankle	Incision	13.1	9	0	12	30	0.1	1	0	0	3	13.1	9	0	11	30
	Excision	4.1	4	0	3	17	0.0	0	0	0	1	4.1	4	0	3	17
	Intro or Removal	0.1	1	0	0	3	0.0	0	0	0	0	0.1	1	0	0	3
	Repair/Revision/Reconstruction	40.5	25	14	28	107	0.4	1	0	0	3	40.2	25	14	28	107
	Trauma	10.2	9	0	7	47	0.1	0	0	0	1	10.1	9	0	7	47
	--Fracture and/or Dislocation	8.8	8	0	7	47	0.1	0	0	0	1	8.7	8	0	7	47
	--Manipulation	1.5	3	0	1	19	0.0	0	0	0	0	1.5	3	0	1	19
	Arthrodesis	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Amputation	1.6	2	0	1	7	0.0	0	0	0	0	1.6	2	0	1	7
	Arthroscopy	0.4	1	0	0	3	0.1	0	0	0	2	0.3	1	0	0	3
	Other Procedures	0.6	1	0	0	8	0.0	0	0	0	0	0.6	1	0	0	8
	TOTAL-Leg/Ankle	70.9	32	24	61	137	0.6	1	0	0	8	70.3	32	24	60	137
Foot/Toes	Incision	2.1	2	0	1	9	0.0	0	0	0	1	2.1	2	0	1	9
	Excision	6.1	5	0	5	24	0.1	1	0	0	4	6.0	5	0	5	24
	Intro or Removal	0.7	1	0	0	5	0.0	0	0	0	1	0.6	1	0	0	5
	Repair/Revision/Reconstruction	29.1	17	5	25	60	0.3	1	0	0	3	28.8	17	5	25	60
	Trauma	1.9	2	0	1	7	0.1	0	0	0	1	1.8	2	0	1	7
	--Fracture and/or Dislocation	1.8	2	0	1	7	0.1	0	0	0	1	1.8	2	0	1	7
	--Manipulation	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Arthrodesis	3.9	4	0	2	17	0.1	0	0	0	1	3.8	4	0	2	17
	Amputation	0.7	1	0	0	5	0.0	0	0	0	1	0.7	1	0	0	5
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	0.4	1	0	0	3	0.0	0	0	0	0	0.4	1	0	0	3
	TOTAL-Foot/Toes	44.8	23	10	37	94	0.6	2	0	0	10	44.3	23	10	37	94

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 5] Programs in the Nation: 22 Residents in the Nation: 36

		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Other Musculoskeletal	Incision	0.3	1	0	0	7	0.0	0	0	0	0	0.3	1	0	0	7
	Excision	3.6	7	0	1	35	0.1	0	0	0	2	3.6	7	0	1	35
	Intro or Removal	40.2	23	1	41	102	0.5	1	0	0	4	39.7	23	1	41	102
	Repair/Revision/Reconstruction	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Trauma	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthroscopy	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Other Procedures	68.9	54	1	55	220	0.9	2	0	0	10	68.0	53	1	55	217
	TOTAL-Other Musclskel	113.1	71	4	109	280	1.5	3	0	0	12	111.6	70	4	108	280
Subtotal - Musculoskeletal	SUBTOTAL	466.2	172	190	450	880	7.4	14	0	2	71	458.8	170	181	447	840
Spine	Excision	19.0	30	0	7	148	0.2	1	0	0	4	18.8	30	0	7	148
	Osteotomy	0.4	1	0	0	6	0.0	0	0	0	0	0.4	1	0	0	6
	Fracture and/or Dislocation	0.4	1	0	0	4	0.0	0	0	0	0	0.4	1	0	0	4
	Decompression	3.9	7	0	1	36	0.1	0	0	0	2	3.8	7	0	1	36
	Arthrodesis/Anterior	1.3	3	0	0	16	0.0	0	0	0	0	1.3	3	0	0	16
	Arthrodesis/Posterior	6.6	16	0	3	96	0.1	0	0	0	2	6.5	16	0	2	96
	Arthrodesis/Deformity	28.5	16	0	32	49	0.6	2	0	0	9	27.9	15	0	31	48
	Exploration	1.4	3	0	1	14	0.2	1	0	0	2	1.3	3	0	0	14
	Instrumentation	40.7	31	2	32	125	0.8	2	0	0	10	39.9	30	2	32	124
Other Procedures	6.5	10	0	2	43	0.1	0	0	0	2	6.4	10	0	2	43	
TOTAL-Spine	108.7	72	3	88	279	2.0	4	0	0	21	106.7	71	3	84	279	

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

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Residency Review Committee for Orthopaedic Surgery

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[PART 6]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Integumentary System	Incision/Excision	10.5	9	0	10	33	0.0	0	0	0	1	10.5	9	0	9	33
	Repair (Closure)	1.6	4	0	0	22	0.0	0	0	0	0	1.6	4	0	0	22
	Skin Grafts	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
	Flaps	0.2	1	0	0	3	0.0	0	0	0	0	0.2	1	0	0	3
	Other Procedures	0.2	1	0	0	2	0.0	0	0	0	0	0.2	1	0	0	2
	TOTAL-Integumentary		12.8	12	0	11	52	0.0	0	0	0	1	12.7	12	0	11
Nervous System	Incision/Excision	0.1	0	0	0	2	0.0	0	0	0	1	0.1	0	0	0	2
	Neuroplasty	1.7	3	0	0	12	0.1	0	0	0	2	1.6	3	0	0	12
	Transection or Avulsion	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Neurorrhaphy	0.4	1	0	0	5	0.1	0	0	0	2	0.3	1	0	0	3
	Carpal Tunnel	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Other Procedures	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Nervous System		2.3	4	0	1	15	0.1	1	0	0	5	2.1	3	0	1
Miscellaneous	Miscellaneous	13.8	19	0	7	95	0.1	0	0	0	1	13.7	19	0	7	95
Oncology Cases	TOTAL-Oncology Cases	15.3	35	0	2	152	0.7	3	0	0	18	14.6	33	0	2	141
Microsurgeries	TOTAL-Microsurgeries	1.2	4	0	0	17	0.1	1	0	0	3	1.1	4	0	0	15
Trauma Cases	TOTAL-Trauma	74.0	43	8	61	187	0.6	2	0	0	11	73.4	42	8	61	187
Total of all procs	TOTAL-Procedures	603.6	220	245	593	1,188	9.6	18	0	2	92	594.0	217	238	589	1,139

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)
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[PART 1]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
Shoulder	Incision	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Excision	0	0	0	1	3	0	0	0	0	0	0	0	0	1	3
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revision/Reconstruction	0	0	0	1	3	0	0	0	0	0	0	0	0	1	3
	Trauma	0	0	1	1	5	0	0	0	0	0	0	0	1	1	5
	--Fracture and/or Dislocation	0	0	0	1	4	0	0	0	0	0	0	0	0	1	4
	--Manipulation	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthroscopy	0	0	0	1	10	0	0	0	0	0	0	0	0	1	6
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Shoulder	0	1	4	6	16	0	0	0	0	1	0	1	3	6	15
Humerus/Elbow	Incision	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
	Excision	0	0	1	1	5	0	0	0	0	0	0	0	1	1	5
	Intro or Removal	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2
	Repair/Revision/Reconstruction	0	0	1	2	5	0	0	0	0	0	0	0	1	2	5
	Trauma	9	14	23	37	64	0	0	0	0	0	9	14	23	37	64
	--Fracture and/or Dislocation	8	14	23	37	61	0	0	0	0	0	8	14	23	37	61
	--Manipulation	0	0	1	2	6	0	0	0	0	0	0	0	1	2	6
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthroscopy	0	0	0	1	4	0	0	0	0	0	0	0	0	1	2
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Humerus/Elbow	12	19	29	44	75	0	0	0	0	0	12	19	29	44	75

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[PART 2]		Programs in the Nation: 22					Residents in the Nation: 36										
		All Patients					Adult Only					Pediatric Only					
		Resident Percentiles					Resident Percentiles					Resident Percentiles					
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	
RRC Area	RRC Procedure																
Forearm/Wrist	Incision	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Excision	0	0	1	2	4	0	0	0	0	0	0	0	1	2	4	
	Intro or Removal	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	0	0	2	3	9	0	0	0	0	0	0	0	2	3	9	
	Trauma	2	4	7	12	17	0	0	0	0	0	2	4	7	12	17	
	--Fracture and/or Dislocation	1	4	5	8	13	0	0	0	0	0	1	4	5	8	12	
	--Manipulation	0	0	1	2	4	0	0	0	0	0	0	0	1	2	4	
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arthroscopy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL-Forearm/Wrist	3	8	14	18	28	0	0	0	0	1	3	8	14	18	25
Hand/Fingers	Incision	0	0	0	2	4	0	0	0	0	0	0	0	0	2	4	
	Excision	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	0	0	1	2	9	0	0	0	0	0	0	0	1	2	9	
	Trauma	0	0	1	1	3	0	0	0	0	0	0	0	1	1	3	
	--Fracture and/or Dislocation	0	0	1	1	3	0	0	0	0	0	0	0	1	1	3	
	--Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arthrodesis	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	
	Amputation	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL-Hand/Fingers	0	3	5	6	14	0	0	0	0	0	0	3	5	6	14

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[PART 3]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
Pelvis/Hip	Incision	2	9	14	19	30	0	0	0	0	0	2	9	14	19	30
	Excision	0	0	0	1	3	0	0	0	0	0	0	0	0	1	3
	Intro or Removal	1	4	8	13	19	0	0	0	0	0	1	4	8	13	19
	Repair/Revision/Reconstruction	17	25	35	51	59	0	0	0	1	5	17	24	35	48	59
	Trauma	1	5	9	12	21	0	0	0	0	1	0	5	9	12	20
	--Fracture and/or Dislocation	0	3	6	8	13	0	0	0	0	1	0	3	6	8	13
	--Manipulation	0	1	2	3	6	0	0	0	0	0	0	1	2	3	6
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthroscopy	0	0	1	3	4	0	0	0	0	0	0	0	1	2	4
	Other Procedures	0	0	2	7	11	0	0	0	0	1	0	0	1	7	11
	TOTAL-Pelvis/Hip		35	53	71	108	136	0	0	1	2	7	33	52	71	106
Femur/Knee	Incision	0	1	3	4	9	0	0	0	0	0	0	1	2	4	9
	Excision	1	2	3	7	10	0	0	0	0	1	1	2	3	7	10
	Intro or Removal	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
	Repair/Revision/Reconstruction	19	28	40	48	73	0	0	0	0	1	19	28	39	48	73
	Trauma	5	7	10	16	25	0	0	0	0	0	5	7	9	16	25
	--Fracture and/or Dislocation	2	5	8	11	18	0	0	0	0	0	2	5	8	11	18
	--Manipulation	0	0	1	4	9	0	0	0	0	0	0	0	1	3	9
	Arthrodesis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Amputation	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	Arthroscopy	1	4	11	40	63	0	0	0	0	2	1	4	11	37	63
	Other Procedures	0	0	0	1	4	0	0	0	0	0	0	0	0	1	4
	TOTAL-Femur/Knee		47	59	83	107	172	0	0	0	1	4	45	55	83	106

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[PART 4]		Programs in the Nation: 22					Residents in the Nation: 36										
		All Patients					Adult Only					Pediatric Only					
		Resident Percentiles					Resident Percentiles					Resident Percentiles					
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	
RRC Area	RRC Procedure																
Leg/Ankle	Incision	1	7	12	18	27	0	0	0	0	0	1	7	11	18	27	
	Excision	0	1	3	6	8	0	0	0	0	0	0	1	3	6	8	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	19	22	28	47	80	0	0	0	0	2	18	22	28	47	80	
	Trauma	4	6	7	11	17	0	0	0	0	0	4	6	7	11	17	
	--Fracture and/or Dislocation	2	6	7	11	15	0	0	0	0	0	2	5	7	11	15	
	--Manipulation	0	0	1	1	4	0	0	0	0	0	0	0	1	1	4	
	Arthrodesis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Amputation	0	0	1	2	5	0	0	0	0	0	0	0	1	2	5	
	Arthroscopy	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	
	Other Procedures	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	
	TOTAL-Leg/Ankle		39	52	61	80	125	0	0	0	1	2	37	51	60	80	124
	Foot/Toes	Incision	0	1	1	2	6	0	0	0	0	0	0	1	1	2	6
Excision		2	3	5	7	14	0	0	0	0	0	2	3	5	7	14	
Intro or Removal		0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	
Repair/Revision/Reconstruction		11	17	25	38	58	0	0	0	0	1	9	17	25	38	57	
Trauma		0	0	1	3	5	0	0	0	0	0	0	0	1	3	5	
--Fracture and/or Dislocation		0	0	1	3	5	0	0	0	0	0	0	0	1	3	4	
--Manipulation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Arthrodesis		0	1	2	6	8	0	0	0	0	0	0	1	2	6	8	
Amputation		0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	
Arthroscopy		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Procedures		0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	
TOTAL-Foot/Toes			19	28	37	57	79	0	0	0	0	2	19	27	37	57	79

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[PART 5]		Programs in the Nation: 22 Residents in the Nation: 36															
		All Patients					Adult Only					Pediatric Only					
		Resident Percentiles					Resident Percentiles					Resident Percentiles					
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	
RRC Area	RRC Procedure																
Other Musculoskeletal	Incision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Excision	0	0	1	4	8	0	0	0	0	0	0	0	1	4	8	
	Intro or Removal	12	26	41	52	65	0	0	0	0	3	12	26	41	52	61	
	Repair/Revision/Reconstruction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Trauma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	--Fracture and/or Dislocation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arthroscopy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other Procedures	5	30	55	107	135	0	0	0	0	4	5	30	55	107	133	
	TOTAL-Other Musclskel	34	63	109	154	204	0	0	0	1	7	34	63	108	152	195	
Subtotal - Musculoskeletal	SUBTOTAL	234	385	450	511	789	0	0	2	4	15	234	382	447	507	788	
Spine	Excision	0	1	7	20	67	0	0	0	0	0	0	1	7	20	67	
	Osteotomy	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Fracture and/or Dislocation	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	
	Decompression	0	1	1	4	9	0	0	0	0	0	0	1	1	4	9	
	Arthrodesis/Anterior	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	
	Arthrodesis/Posterior	0	0	3	5	11	0	0	0	0	0	0	0	2	5	11	
	Arthrodesis/Deformity	6	20	32	40	47	0	0	0	0	1	6	19	31	40	47	
	Exploration	0	0	1	2	4	0	0	0	0	1	0	0	0	1	4	
	Instrumentation	7	17	32	58	76	0	0	0	0	3	7	17	32	56	74	
	Other Procedures	0	0	2	8	21	0	0	0	0	0	0	0	2	7	21	
TOTAL-Spine	22	67	88	144	221	0	0	0	0	8	22	67	84	144	212		

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[PART 6]		Programs in the Nation: 22					Residents in the Nation: 36									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
Integumentary System	Incision/Excision	0	3	10	13	25	0	0	0	0	0	0	3	9	13	25
	Repair (Closure)	0	0	0	1	4	0	0	0	0	0	0	0	0	1	4
	Skin Grafts	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Flaps	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Other Procedures	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	TOTAL-Integumentary		1	4	11	16	29	0	0	0	0	0	1	4	11	16
Nervous System	Incision/Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neuroplasty	0	0	0	2	5	0	0	0	0	0	0	0	0	2	5
	Transection or Avulsion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neurorrhaphy	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Carpal Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Nervous System		0	0	1	2	8	0	0	0	0	0	0	0	1	2
Miscellaneous	Miscellaneous	1	3	7	13	28	0	0	0	0	0	1	3	7	13	28
Oncology Cases	TOTAL-Oncology Cases	0	0	2	8	43	0	0	0	0	1	0	0	2	8	43
Microsurgeries	TOTAL-Microsurgeries	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
Trauma Cases	TOTAL-Trauma	34	46	61	81	153	0	0	0	0	1	34	46	61	81	152
Total of all procs	TOTAL-Procedures	322	514	593	698	966	0	0	2	10	20	322	483	589	688	965